R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2948	038	01 27 76	27BD	3727	7535

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0008	06	06	11	014	Y	S	25

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
5	OC	SA	E	FT	151	—	17	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00007	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	37°27'	75°35'	2436	3103	8		1717	1718
							PU	ON
FINISH	37°26'	75°34'	2421	3100	8		1748	1751

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive recruitment

23 - Pen. Shrimp

16 - Hhw

9 - BB

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27BP

R/V DAN MOORE SPECIES LIST

STA. NO. 2948 DATE JAN 19 76 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 7.3 AIR 11 SURFACE 6.1 BOTTOM 6.0

SAMPLE WT. 7.3 RAISING FACTOR 0

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Alosa sapidissima		23	2		0.1	
Alosa pseudoharengus		16	2		0.1	
Clupea harengus harengus		5	2.8		0.6	
Morone americana	NC	1	0.3		0.3	
Menticirrhus saxatilis						
Anchoa hepsetus		1	trace		trace	
A. mitchilli		numerous				
A. aestivalis		9	0.2		<0.1	
Cynoscion nebulosus		1	trace		trace	
Cynoscion septentrionalis						

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. aestivalis

STATION: 2948

DATE: 1/27/76

LOCALITY: 27BD

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			3
80-			4
90-			1
100-			
110-			1
120-			
130-			
140-			
150-			
160-			
170-			
180-			
190-			
200-			
210-			
220-			
230-			
240-			
250-			
260-			
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL			9

N = 9

RANGE UNK 74 - 118

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. pseudoharengus* STATION: 2948

DATE: 1/27/76 LOCALITY: 27BD

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			
80-			1
90-			4
100-	1	1	3
110-		3	
120-		1	
130-			
140-			
150-			
160-			
170-			
180-			
190-			
200-			
210-			
220-			
230-			
240-		1	
250-			
260-			
270-			
280-		1	
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL	1	7	8

N = 16

Range ♂ 106

♀ 103-288

Unk 87-108

PAGE 1 OF 1

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. rapidissima

DATE: 1/27/76

STATION: 2948

LOCALITY: 27GD

T. L.	♂	♀	Unk.		T. L.	♂	♀	Unk.
50-59.9					550-			
60-					560-			
70-					570-			
80-					580-			
90-					590-			
100-	1				600-			
110-	3	1			610-			
120-	7	1			620-			
130-	2	5			630-			
140-		1			640-			
150-					650-			
160-					660-			
170-		1			670-			
180-					680-			
190-					690-			
200-					700-			
210-								
220-	1							
230-					TOTAL	14	9	
240-								
250-								
260-								
270-						N=	23	
280-								
290-						Range	♂	102-220
300-								
310-							♀	118-175
320-								
330-								
340-								
350-								
360-								
370								
380-								
390-								
400-								
410-								
420-								
430-								
440-								
450-								
460-								
470-								
480-								
490-								
500-								
510-								
520								
530-								
540-								

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
1	105	♂	–	–	–	–	–	IMM	2930	
2	132	♀	–	–	–	–	–	IMM	–	
3	142	♀	–	–	–	–	–	IMM	–	
4	112	♀	–	–	–	–	–	IMM	–	
5	105	♀	–	–	–	–	–	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						–	–	
8	105	♀						–	–	
9	97	♂						–	–	
10	112	♂						–	–	
11	121	♂						–	–	
12	108	♀						–	–	
13	117	♂						–	2934	
14	104	♂						–	–	
15	246	♂						–	2936	
16	123	♀						–	2939	
17	140	♀						–	2940	
18	144	♀						–	–	
19	108	♂						–	2942	
20	116	♂						–	–	
21	116	♂						–	–	
22	108	♂						–	–	
23	97	♂						–	–	
24	98	♂						–	–	
25	450	♂							2945	
26	248	♂						IMM	–	
27	164	♂						IMM	–	
28	151	♀						IMM	–	
29	220	♂							2948	
30	134	♀						IMM	–	
31	110	♂						IMM	–	
32	102	♂						IMM	–	
33	138	♀						IM	–	
34	118	♂						IMM	–	
35	123	♂						IM	–	
36	127	♂						IMM	–	
37	131	♀						IM	–	
38	135	♀						IM	–	
39	122	♂						IM	–	
40	118	♀						IMM	–	
41	123	♂						IM	–	
42	124	♂						IM	–	
43	134	♂						IM	–	
44	175	♀						IMM	–	
45	124	♂						IM	–	
46	141	♀						IM	–	
47	137	♀						IMM	–	
48	124	♂						IM	–	
49	116	♂						IMM		
50	132	♂						IM		
51	122	♀						IMM	–	

Species. *Alosa pseudoharengus* (alewife)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Parasites	Bacteriology	Age	Gonad Stage	Station Number	Remarks
1	248	♀						I	2932	
2	241	♀						III	2934	
3	No Length								2942	
4	262	♂							2943	
5	264	♀						I	2945	
6	238	♀						I	-	
7	246	♀						III	-	
8	247	♂							-	
9	245	♂							-	
10	245	♂							-	
11	247	♂							-	
12	265	♀						III	[illegible]	
13	255	♀						II	2948	
14	244	♀						II	-	
15	106	♂						IMM	-	
16	111	♀						IMM	-	
17	121	♀						IMM	-	
18	111	♀						IMM	-	
19	110	♀						IMM	-	
20	105	UNK						IMM	-	
21	97	UNK						IMM	-	
22	108	UNK						IMM	-	
23	104	UNK						IMM	-	
24	87	UNK						IMM	-	
25	103	♀						IMM	-	
26	94	UNK						IMM	-	
27	95	UNK						IMM	-	
28	93	UNK						IMM	-	
29	227	♂						IMM	2949	
30	265	♂							-	
31	274	♀						II	-	
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										

Species: *Alosa aestivalis*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Scale-cards	Age	Gonad Stage	Station Number	Remarks
451	241	♀						I	2944	
52	238	♂							—	
53	234	♂							2945	
54	207	♂						IMM	—	
55	233	♂							—	
56	270	♀						III	—	
57	247	♀						I	—	
58	244	♀						I	—	
59	253	♀						I	—	
60	265	♂							—	
61	211	♀						IMM	—	
62	268	♀						I	—	
63	257	♀						I	—	
64	242	♀						I	—	
65	182	♂						IMM	—	
66	138	♀						I	—	
67	82	UNK						IMM	2948	
68	81	UNK						IMM	—	
69	84	UNK						IMM	—	
70	74	UNK						IMM	—	
71	80	UNK						IMM	—	
72	76	UNK						IMM	—	
73	78	UNK						IMM	—	
74	93	UNK						IMM	—	
75	118	UNK						IMM	—	
76	206	♂						IMM	2951	
77	227	♂							—	
78	230	♀						II	—	
79	216	♂						IMM	—	
80	238	♀						II	—	
81	236	♂							—	
82	254	♀						III	—	
83	245	♀						II	—	
84	235	♀						I	—	
85	233	♀						I	—	
86	248	♀						II	—	
87	270	♀						II	—	
88	277	♀						II	—	
89	226	♀						I	—	
90	263	♀						I	—	
91	235	♂							—	
92	227	♀						I	—	
93	220	♀						I	—	
94	238	♂							—	
95	235	♂							—	
96	250	♀						II	—	
97	251	♀						I	—	
98	233	♂							—	
99	260	♀						II	—	
500	231	♂							—	

two stations left out 2949 & 50

(2)